

Blake Watkins

Software Developer

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Technical

JS/ES6+, HTML/CSS/SASS, Node, webRTC, React, Redux, Angular 2+, Typescript, Backbone, Git, Jquery, Docker, AWS, Linux, Wordpress, Hugo, mysql, MongoDB, Mocha, Chai, Jasmine, Electron, Gulp, Webpack, PHP

Experience

Sisu | *Front-End Developer*

2017 - Current

- Built public Wordpress plugin to allow for easier interfacing with outside APIs
- Constructed a micro CMS utilizing Node and Google Sheets API
- Contributed to in-house React Native app
- Managed and configured self-hosted Jira/Confluence EC2 server and applications
- Developed fixes and features for live Angular 5+ app for high traffic site
- Created insurance app with complex form structure and submission (3000k+) within React/Redux environment
- Produced multiple client specific Wordpress applications and themes
- Composed single page web app for youth-based creative non-profit with an searchable index of organizations that displays list and mapped-based geolocational results
- Implemented a data-ingestion Node service that converts CSV and Address data into sanitized and usable JSON data with geolocational data coupled within it

Biodoc | *Software Developer*

2017

- Function as principal front end developer for large (L)AMP stack communications application
- Expanded Backbone/Marionette feature set: signup, registration and plan chooser, settings, lazy and infinite scroll
- Refactored application front end data management with global and component state distinctions
- Delivered video communication microservice that interfaced with front end framework, utilizing webRTC API to establish user to user session and video transmission, and a long running RESTful API with PHP Ratchet, Redis, and mysql technologies to manage socket communication and log user and video metadata to main database.

RaicesPeruanas | *Full Stack Developer*

2016 - 2017

- Built secure static site with current react libraries: redux, carousel, redux-saga, react-static
- Leveraged AWS services Lambda and DynamoDB
- Maintained with Netlify for ease of build and deploy hooks

Projects

Vim-Sesh | *Software Developer*

2017

- Designed vim plugin for session management with git branch and/or project directory state

Safe Place for Youth | *Web Developer*

2017

- Assisted with design and interaction planning of experimental software for client data tracking and management

MirageJS | *Full Stack Developer*

2016

- Developed NPM module aiding canvas and video layering and manipulation, utilizing webRTC and websocket apis

Education

UCSC BS Linguistics - Highest Honors, BS Classical Studies - Highest Honors, *summa cum laude*

2009 - 2012

Interests

Language, psychological and computational patterns. Vim. Linux. Surf. Family. Doggies.